

# Weiyi Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8861368/publications.pdf>

Version: 2024-02-01

21  
papers

196  
citations

1040018

9  
h-index

1058452

14  
g-index

21  
all docs

21  
docs citations

21  
times ranked

464  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spin dynamics in NaFeAs and $\text{SrCo}_2\text{P}_2\text{O}_{10}$ probed by resonant inelastic x-ray scattering. Physical Review B, 2021, 103, .	5.3	1
2	High-energy magnetic excitations from heavy quasiparticles in CeCu <sub>2</sub> Si <sub>2</sub> . Npj Quantum Materials, 2021, 6, .	5.2	6
3	Nature of the spin resonance mode in CeCoIn <sub>5</sub> . Communications Physics, 2020, 3, .	5.3	14
4	Orbital selective spin waves in detwinned NaFeAs. Physical Review B, 2020, 102, .	3.2	8
5	Magnetic order and fluctuations in the quasi-two-dimensional planar magnet Sr(Co <sub>1-x</sub> Ni <sub>x</sub> ) <sub>2</sub> As <sub>2</sub> . Physical Review B, 2020, 102, .	3.2	1
6	Flat-band magnetism and helical magnetic order in Ni-doped $\text{SrCo}_2\text{P}_2\text{O}_{10}$ . Physical Review B, 2019, 100, .	3.2	15
7	Weaker nematic phase connected to the first order antiferromagnetic phase transition in $\text{SrFe}_2\text{P}_2\text{O}_{10}$ compared to $\text{BaFe}_2\text{P}_2\text{O}_{10}$ . Physical Review B, 2019, 100, .	3.2	5
8	Possible Mott transition in layered $\text{Sr}_2\text{O}_3$ single crystals. Physical Review B, 2019, 99, .	3.2	3
9	Coexistence of Ferromagnetic and Stripe Antiferromagnetic Spin Fluctuations in $\text{SrCo}_2\text{P}_2\text{O}_{10}$ . Physical Review Letters, 2019, 122, 117204.	7.8	23
10	c-axis pressure-induced antiferromagnetic order in optimally P-doped BaFe <sub>2</sub> (As <sub>0.70</sub> P <sub>0.30</sub> ) <sub>2</sub> superconductor. Npj Quantum Materials, 2018, 3, .	5.2	1
11	Neutron spin resonance as a probe of Fermi surface nesting and superconducting gap symmetry in Ba <sub>0.67</sub> K <sub>0.33</sub> (Fe <sub>1-x</sub> Cox) <sub>2</sub> As <sub>2</sub> . Physical Review B, 2018, 98, .	3.2	10
12	Local orthorhombic lattice distortions in the paramagnetic tetragonal phase of superconducting NaFe <sub>1-x</sub> Ni <sub>x</sub> As. Nature Communications, 2018, 9, 3128.	12.8	20
13	Dynamic Spin-Lattice Coupling and Nematic Fluctuations in NaFeAs. Physical Review X, 2018, 8, .	8.9	9
14	Disentangling superconducting and magnetic orders in NaFe <sub>1-x</sub> Ni <sub>x</sub> As using muon spin rotation. Physical Review B, 2018, 97, .	3.2	1
15	Uniaxial pressure effect on the magnetic ordered moment and transition temperatures in $\text{BaFe}_2\text{P}_2\text{O}_{10}$ .		

#	ARTICLE	IF	CITATIONS
19	Spin excitations and the Fermi surface of superconducting FeS. Npj Quantum Materials, 2017, 2, .	5.2	14
20	Orbital selective neutron spin resonance in underdoped superconducting NaFe <sub>0.985</sub> Co <sub>0.015</sub> As. Physical Review B, 2017, 95, .	3.2	8
21	Absence of Long-Wavelength Nematic Fluctuations in LiFeAs. Journal of Superconductivity and Novel Magnetism, 2016, 29, 3049-3051.	1.8	2